

ABSTRACT

The present invention relates generally to a camera lens system for image pickup devices, which is mounted in a mobile phone or personal digital assistant, and more particularly to a camera lens system for image pickup devices, which has a minimized overall length thereof to implement a micro lens, and in which lenses are formed to have suitable aspheric coefficients to reduce an incident angle of light on the lenses and improve the resolving power of the camera lens system. The camera lens system includes a first group lens having a convex, aspheric surface facing an object, a second group lens on which a light beam is incident from the first group lens and which is formed in an aspheric shape, an iris disposed at a side of the first group lens close to the object, a filter disposed at a side of the second group lens close to an image of the object, and an image sensor for converting the image formed through the first and second group lenses into an electrical signal. The camera lens system satisfies the conditions in which a focal length f_1 of the first group lens is within a range of $4.7 \leq f_1 \leq 4.9$, a focal length f_2 of the second group lens is within a range of $23 \leq f_2 \leq 24$, an overall focal length f of the camera lens system is within a range of $3.8 \leq f \leq 4.0$, and the overall length of the camera lens system is equal to or less than 4.9mm.